

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

| Terms | Documents |
|---------------------|-----------|
| L14 and L15 and L16 | 18 |

Database:

| | |
|---------------------------------------------|---|
| US Patents Full-Text Database | ▲ |
| US Pre-Grant Publication Full-Text Database | |
| JPO Abstracts Database | |
| EPO Abstracts Database | |
| Derwent World Patents Index | |
| IBM Technical Disclosure Bulletins | ▼ |

Search:

| | |
|--|---|
| | ▲ |
| | |
| | ▼ |

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**

DATE: Friday, February 22, 2002 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=ADJ

| | | | |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|
| <u>L17</u> | L14 and L15 and L16 | 18 | <u>L17</u> |
| <u>L16</u> | amphoteric adj polymer | 730 | <u>L16</u> |
| <u>L15</u> | cationic adj polymer | 5388 | <u>L15</u> |
| <u>L14</u> | ceramide | 1663 | <u>L14</u> |
| <u>L13</u> | L5 and (hair or cosmetic) | 15 | <u>L13</u> |
| <u>L12</u> | L11 and oleamido\$ | 1 | <u>L12</u> |
| <u>L11</u> | L10 and hair | 135 | <u>L11</u> |
| <u>L10</u> | L9 and ceramide | 291 | <u>L10</u> |
| <u>L9</u> | amphoteric same cationic | 10395 | <u>L9</u> |
| <u>L8</u> | L4 and L5 | 2 | <u>L8</u> |
| <u>L7</u> | L4 and L5 not L6 | 0 | <u>L7</u> |
| <u>L6</u> | L4 same L5 | 2 | <u>L6</u> |
| <u>L5</u> | hexadimethrine or hexadimethrine\$ | 122 | <u>L5</u> |
| <u>L4</u> | merquat280 or (merquat adj 280) or polyquaternium22 or (polyquaternium adj 22) or quaternium22 or (quaternium adj 22) or polyquat22 or (polyquat adj 22) | 156 | <u>L4</u> |

DB=USPT; PLUR=YES; OP=

| | | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| <u>L3</u> | (merquat\$280 or (polyquat-22 or polyquat22 or (polyquat adj 22) or polyquaternium\$22 or polyquaternium22 or (polyquaternium adj 22))) | 1365 | <u>L3</u> |
| <u>L2</u> | (hexadimethrine\$) | 122 | <u>L2</u> |

DB=USPT; PLUR=YES; OP=ADJ

| | | | |
|-----------|-----------------------------|---|-----------|
| <u>L1</u> | (ioneneG or (ionene adj G)) | 0 | <u>L1</u> |
|-----------|-----------------------------|---|-----------|

END OF SEARCH HISTORY

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:ssspta1621mxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Sep 17 IMSworld Pharmaceutical Company Directory name change
to PHARMASEARCH
NEWS 3 Oct 09 Korean abstracts now included in Derwent World Patents
Index
NEWS 4 Oct 09 Number of Derwent World Patents Index updates increased
NEWS 5 Oct 15 Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS 6 Oct 22 Over 1 million reactions added to CASREACT
NEWS 7 Oct 22 DGENE GETSIM has been improved
NEWS 8 Oct 29 AAASD no longer available
NEWS 9 Nov 19 New Search Capabilities USPATFULL and USPAT2
NEWS 10 Nov 19 TOXCENTER(SM) - new toxicology file now available on STN
NEWS 11 Nov 29 COPPERLIT now available on STN
NEWS 12 Nov 29 DWPI revisions to NTIS and US Provisional Numbers
NEWS 13 Nov 30 Files VETU and VETB to have open access
NEWS 14 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS 15 Dec 10 DGENE BLAST Homology Search
NEWS 16 Dec 17 WELDASEARCH now available on STN
NEWS 17 Dec 17 STANDARDS now available on STN
NEWS 18 Dec 17 New fields for DPCI
NEWS 19 Dec 19 CAS Roles modified
NEWS 20 Dec 19 1907-1946 data and page images added to CA and CAplus
NEWS 21 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 22 Jan 25 Searching with the P indicator for Preparations
NEWS 23 Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 24 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update
frequency
NEWS 25 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

***** STN Columbus *****

FILE 'HOME' ENTERED AT 16:46:10 ON 22 FEB 2002

=> file registry

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 16:46:45 ON 22 FEB 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 21 FEB 2002 HIGHEST RN 394646-31-2

DICTIONARY FILE UPDATES: 21 FEB 2002 HIGHEST RN 394646-31-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STN Note 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the
CAS Registry Numbers that were added to the H/Z/CA/CAPLUS files between
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches
during this period, either directly appended to a CAS Registry Number
or by qualifying an L-number with /P, may have yielded incomplete results.
As of 1/23/02, the situation has been resolved. Also, note that searches
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAPLUS files
incorporating CAS Registry Numbers with the P indicator between 12/27/01
and 1/23/02, are encouraged to re-run these strategies. Contact the
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,
worldwide, or send an e-mail to help@cas.org for further assistance or to
receive a credit for any duplicate searches.

=> e merquat

| | | |
|-----|----|------------------|
| E1 | 1 | MERPRANE/BI |
| E2 | 1 | MERPRESS/BI |
| E3 | 6 | --> MERQUAT/BI |
| E4 | 96 | MERR/BI |
| E5 | 2 | MERR.ALPHA./BI |
| E6 | 6 | MERR1/BI |
| E7 | 10 | MERR2/BI |
| E8 | 2 | MERR3/BI |
| E9 | 4 | MERREKENTR/BI |
| E10 | 4 | MERREKENTRONE/BI |
| E11 | 13 | MERREM/BI |
| E12 | 1 | MERREMIA/BI |

=> d e3

NO L# DEFINED

=> s e3

L1 6 MERQUAT/BI

=> d L1

L1 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2002 ACS

RN 197969-51-0 REGISTRY

CN 1-Propanaminium, N,N,N-trimethyl-3-[(2-methyl-1-oxo-2-propenyl)amino]-, chloride, polymer with methyl 2-propenoate and 2-propenoic acid (9CI)

(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, methyl ester, polymer with 2-propenoic acid and N,N,N-trimethyl-3-[(2-methyl-1-oxo-2-propenyl)amino]-1-propanaminium chloride (9CI)

CN 2-Propenoic acid, polymer with methyl 2-propenoate and N,N,N-trimethyl-3-[(2-methyl-1-oxo-2-propenyl)amino]-1-propanaminium chloride (9CI)

OTHER NAMES:

CN Acrylic acid-3-methacryloylaminopropyltrimethylammonium chloride-methyl acrylate copolymer

CN Merquat 2000

CN Merquat 2001

CN Merquat 2001N

CN Polyquaternium 47

MF (C10 H21 N2 O . C4 H6 O2 . C3 H4 O2 . Cl)x

CI PMS, COM

PCT Polyacrylic

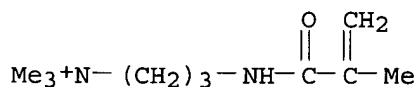
SR CAS Registry Services

LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

CM 1

CRN 51410-72-1 (51441-64-6)

CMF C10 H21 N2 O . Cl

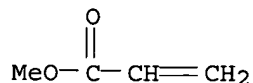


● Cl⁻

CM 2

CRN 96-33-3

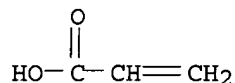
CMF C4 H6 O2



CM 3

CRN 79-10-7

CMF C3 H4 O2



32 REFERENCES IN FILE CA (1967 TO DATE)

32 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s merquat 280

6 MERQUAT

1533 280

L2 1 MERQUAT 280

(MERQUAT (W) 280)

=> d l2

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 53694-17-0 REGISTRY

CN 2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with
2-propenoic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, polymer with N,N-dimethyl-N-2-propenyl-2-propen-1-
aminium chloride (9CI)

OTHER NAMES:

CN Acrylic acid-diallyldimethylammonium chloride copolymer

CN Acrylic acid-diallyldimethylammonium chloride polymer

CN Acrylic acid-dimethyldiallylammonium chloride copolymer

CN Floc Aid 34

CN **Merquat 280**

CN Merquat 295

CN OF 280

CN Polyquaternium 22

DR 88353-42-8

MF (C8 H16 N . C3 H4 O2 . Cl)x

CI PMS, COM

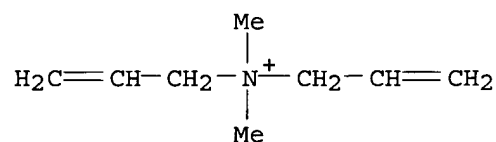
PCT Polyacrylic, Polyvinyl

LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, TOXCENTER, TOXLIT,
USPATFULL

CM 1

CRN 7398-69-8 (48042-45-1)

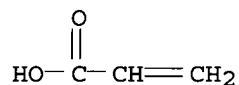
CMF C8 H16 N . Cl



● Cl⁻

CM 2

CRN 79-10-7
CMF C3 H4 O2



172 REFERENCES IN FILE CA (1967 TO DATE)
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
172 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s ionene G

61 IONENE
1092177 G
L3 0 IONENE G
(IONENE (W) G)

=> e hexadimethrine chloride

E1 1 HEXADILINE/BI
E2 4 HEXADIMETHRINE/BI
E3 0 --> HEXADIMETHRINE CHLORIDE/BI
E4 4 HEXADIN/BI
E5 1 HEXADINYN/BI
E6 1 HEXADINYNYL/BI
E7 1 HEXADINYNYLENE/BI
E8 1 HEXADINYNYLENEBIS/BI
E9 2 HEXADIOL/BI
E10 3 HEXADION/BI
E11 2 HEXADIONATO/BI
E12 11 HEXADIONE/BI

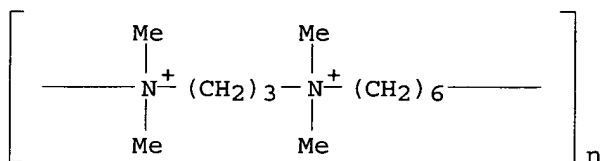
=> s hexadimethrine ,chloride

4 HEXADIMETHRINE
790501 CHLORIDE
815 CHLORIDES
790501 CHLORIDE
(CHLORIDE OR CHLORIDES)
L4 1 HEXADIMETHRINE CHLORIDE
(HEXADIMETHRINE (W) CHLORIDE)

=> d L4

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 68393-49-7 REGISTRY
 CN Poly[(dimethyliminio)-1,3-propanediyl(dimethyliminio)-1,6-hexanediyl
 dichloride] (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 1,6-Hexane dichloride-N,N,N',N'-tetramethyl-1,3-propylenediamine
 copolymer, sru
 CN ~~Hexadimethrine chloride~~
 CN Mexomer PO
 CN Mexomere PO
 CN P 63
 CN PAQ 2
 CN Poly[dimethyliminio(hexamethylene)dimethyliminio(trimethylene dichloride)]
 DR 143502-97-0
 MF (C13 H30 N2)n . 2 Cl
 AF (C13 H30 N2 . 2 Cl)n
 CI PMS
 PCT Polyionene
 LC STN Files: CA, CAPLUS, CHEMLIST, TOXCENTER, TOXLIT, USPATFULL
 CRN (31672-68-1)



● 2 Cl⁻

43 REFERENCES IN FILE CA (1967 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 43 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> e mexanyl

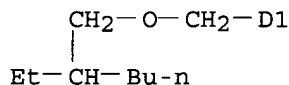
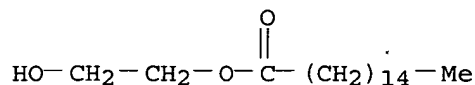
| | | |
|-----|-------|--------------|
| E1 | 1 | MEXANTI/BI |
| E2 | 1 | MEXANTIDE/BI |
| E3 | 2 --> | MEXANYL/BI |
| E4 | 2 | MEXASE/BI |
| E5 | 1 | MEXAUTIDE/BI |
| E6 | 1 | MEXAZOL/BI |
| E7 | 1 | MEXAZOLAM/BI |
| E8 | 3 | MEXB/BI |
| E9 | 1 | MEXC/BI |
| E10 | 1 | MEXD/BI |
| E11 | 5 | MEXDI/BI |
| E12 | 5 | MEXDIOL/BI |

=> s e3

L5 2 MEXANYL/BI

=> d L5

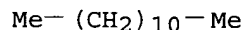
L5 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS
 RN 103991-94-2 REGISTRY
 CN Hexadecanoic acid, monoester with 3-[(2-ethylhexyl)oxy]-1,2-propanediol
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **Mexanyl GP**
 MF C27 H54 O4
 CI IDS
 SR CA
 LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL



3 REFERENCES IN FILE CA (1967 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> d L5 2

L5 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2002 ACS
 RN 39529-98-1 REGISTRY
 CN Dodecanediol (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **Mexanyl GU**
 MF C12 H26 O2
 CI IDS, COM
 LC STN Files: BIOBUSINESS, BIOSIS, CA, CAPLUS, CHEMLIST, CIN, IFICDB,
 IFIPAT, IFIUDB, PROMT, TOXCENTER, TOXLIT, USPATFULL



2 (D1-OH)

29 REFERENCES IN FILE CA (1967 TO DATE)
 12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 29 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> e oleamido-1,3-octadecanediol

| | | |
|----|-------|--------------------------------|
| E1 | 1 | OLEAMIDEO/BI |
| E2 | 99 | OLEAMIDO/BI |
| E3 | 0 --> | OLEAMIDO-1,3-OCTADECANEDIOL/BI |
| E4 | 1 | OLEAMIDOACET/BI |
| E5 | 1 | OLEAMIDOACETATE/BI |
| E6 | 4 | OLEAMIDOBUTYR/BI |
| E7 | 3 | OLEAMIDOBUTYRAMIDO/BI |

| | | |
|-----|----|-----------------------|
| E8 | 1 | OLEAMIDOBUTYRATO/BI |
| E9 | 2 | OLEAMIDOETH/BI |
| E10 | 2 | OLEAMIDOETHOXY/BI |
| E11 | 21 | OLEAMIDOETHYL/BI |
| E12 | 3 | OLEAMIDOETHYLAMINO/BI |

=> e 2-oleamido

| | | |
|-----|-------|------------------------|
| E1 | 14 | 2-HYDROXYPROPANOATE/BI |
| E2 | 1 | 2-METHYLBUTANOATE/BI |
| E3 | 0 --> | 2-OLEAMIDO/BI |
| E4 | 1 | 2.,AL/BI |
| E5 | 1 | 2.,NI/BI |
| E6 | 521 | 2.0/BI |
| E7 | 7 | 2.0,AL/BI |
| E8 | 2 | 2.0,AS/BI |
| E9 | 1 | 2.0,B/BI |
| E10 | 1 | 2.0,BE/BI |
| E11 | 1 | 2.0,BI/BI |
| E12 | 5 | 2.0,C/BI |

=> d his

(FILE 'HOME' ENTERED AT 16:46:10 ON 22 FEB 2002)

FILE 'REGISTRY' ENTERED AT 16:46:45 ON 22 FEB 2002

| | | |
|----|-----|-------------------------------|
| | | E MERQUAT |
| L1 | 6 S | E3 |
| L2 | 1 S | MERQUAT 280 |
| L3 | 0 S | IONENE G |
| | | E HEXADIMETHRINE CHLORIDE |
| L4 | 1 S | HEXADIMETHRINE CHLORIDE |
| | | E MEXANYL |
| L5 | 2 S | E3 |
| | | E OLEAMIDO-1,3-OCTADECANEDIOL |
| | | E 2-OLEAMIDO |

=> file stng

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

42.78

42.93

FILE 'STNGUIDE' ENTERED AT 16:52:26 ON 22 FEB 2002

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE

AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Feb 15, 2002 (20020215/UP).

=> s C36H71NO3

| | | |
|----|---|-----------|
| L6 | 0 | C36H71NO3 |
|----|---|-----------|

=> s oleamido

| | | |
|----|---|----------|
| | 0 | OLEAMIDO |
| L7 | 0 | OLEAMIDO |

=> e oleamido

| | | |
|----|-------|---------------|
| E1 | 4 | OLDER/BI |
| E2 | 2 | OLDMEDLINE/BI |
| E3 | 0 --> | OLEAMIDO/BI |

| | | |
|-----|-----|--------------|
| E4 | 1 | OMUL/BI |
| E5 | 1 | OMULFULL/BI |
| E6 | 218 | ON/BI |
| E7 | 1 | ONCE/BI |
| E8 | 1 | ONCOGENES/BI |
| E9 | 2 | ONCOLOGY/BI |
| E10 | 35 | ONE/BI |
| E11 | 2 | ONES/BI |
| E12 | 1 | ONGOING/BI |

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.00

42.93

FILE 'REGISTRY' ENTERED AT 16:57:46 ON 22 FEB 2002
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 21 FEB 2002 HIGHEST RN 394646-31-2
 DICTIONARY FILE UPDATES: 21 FEB 2002 HIGHEST RN 394646-31-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
 for more information. See STNnote 27, Searching Properties in the CAS
 Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the
 CAS Registry Numbers that were added to the H/Z/CA/Caplus files between
 12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches
 during this period, either directly appended to a CAS Registry Number
 or by qualifying an L-number with /P, may have yielded incomplete results.
 As of 1/23/02, the situation has been resolved. Also, note that searches
 conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/Caplus files
 incorporating CAS Registry Numbers with the P indicator between 12/27/01
 and 1/23/02, are encouraged to re-run these strategies. Contact the
 CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,
 worldwide, or send an e-mail to help@cas.org for further assistance or to
 receive a credit for any duplicate searches.

=> s C36H71NO3

L8 35 C36H71NO3

=> s oleamido

L9 99 OLEAMIDO

=> s L8 and L9

L10 0 L8 AND L9

=> d L8 1 ti

'TI' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

CALC - Table of numeric properties
PROP - Same as CALC

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS --ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

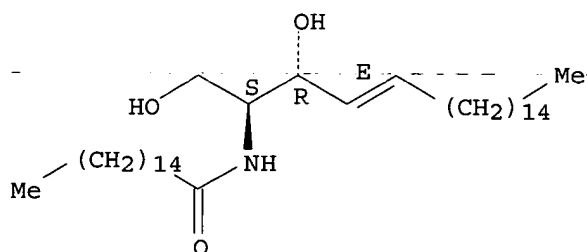
HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ENTER DISPLAY FORMAT (IDE):sam

L8 ANSWER 1 OF 35 REGISTRY COPYRIGHT 2002 ACS
IN Hexadecanamide, N-[(1S,2R,3E)-2-hydroxy-1-(hydroxymethyl)-3-nonadecenyl]-

(9CI)
MF C36 H71 N O3

Absolute stereochemistry.
Double bond geometry as shown.

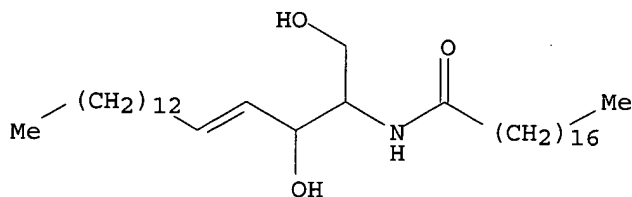


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> d L8 2-5 sam

L8 ANSWER 2 OF 35 REGISTRY COPYRIGHT 2002 ACS
IN Octadecanamide, N-[2-hydroxy-1-(hydroxymethyl)-3-heptadecenyl]- (9CI)
MF C36 H71 N O3

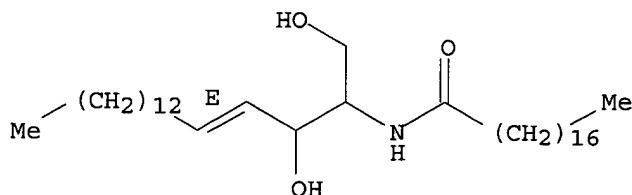
Double bond geometry unknown.
Currently available stereo shown.

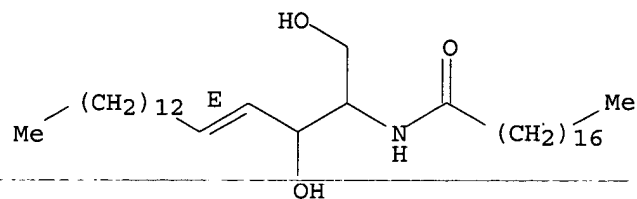


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 3 OF 35 REGISTRY COPYRIGHT 2002 ACS
IN Octadecanamide, N-[(3E)-2-hydroxy-1-(hydroxymethyl)-3-heptadecenyl]- (9CI)
MF C36 H71 N O3

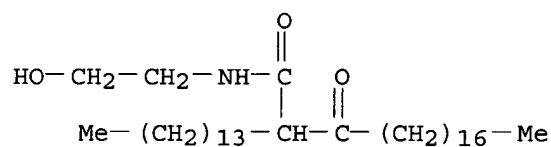
Double bond geometry as shown.





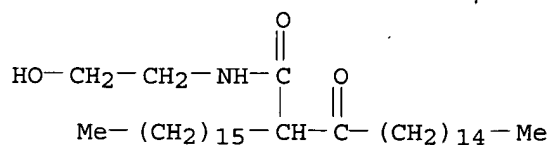
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 4 OF 35 REGISTRY COPYRIGHT 2002 ACS
 IN Eicosanamide, N-(2-hydroxyethyl)-3-oxo-2-tetradecyl- (9CI)
 MF C36 H71 N O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 5 OF 35 REGISTRY COPYRIGHT 2002 ACS
 IN Octadecanamide, 2-hexadecyl-N-(2-hydroxyethyl)-3-oxo- (9CI)
 MF C36 H71 N O3

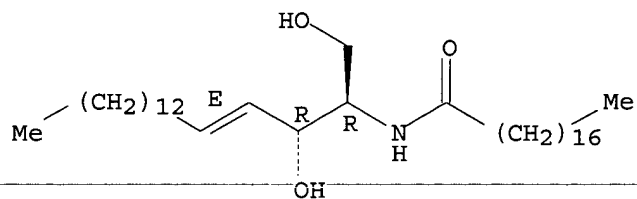


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> d L8 6-10 sam

L8 ANSWER 6 OF 35 REGISTRY COPYRIGHT 2002 ACS
 IN Octadecanamide,
 N-[(1R,2R,3E)-2-hydroxy-1-(hydroxymethyl)-3-heptadecenyl]-
 (9CI)
 MF C36 H71 N O3

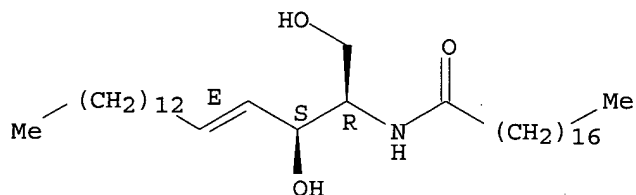
Absolute stereochemistry.
 Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 7 OF 35 REGISTRY COPYRIGHT 2002 ACS
 IN Octadecanamide,
 N-[(1R,2S,3E)-2-hydroxy-1-(hydroxymethyl)-3-heptadecenyl]-
 (9CI)
 MF C36 H71 N O3

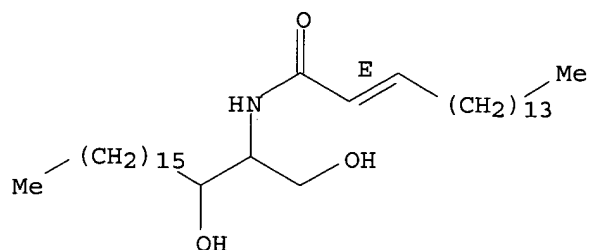
Absolute stereochemistry.
 Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 8 OF 35 REGISTRY COPYRIGHT 2002 ACS
 IN 2-Heptadecenamide, N-[2-hydroxy-1-(hydroxymethyl)octadecyl]-, (2E)- (9CI)
 MF C36 H71 N O3

Double bond geometry as shown.
 Currently available stereo shown.

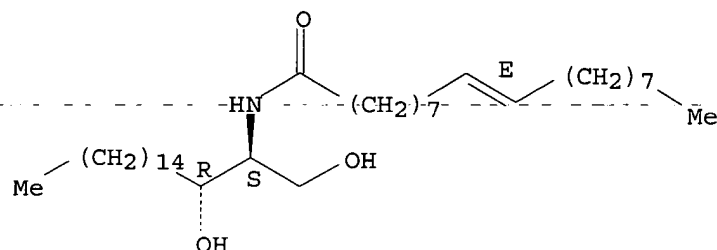


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8. ANSWER 9 OF 35 REGISTRY COPYRIGHT 2002 ACS

IN 9-Octadecenamide, N-[(1S,2R)-2-hydroxy-1-(hydroxymethyl)heptadecyl]-,
(9E)-(9CI)
MF C36 H71 N O3

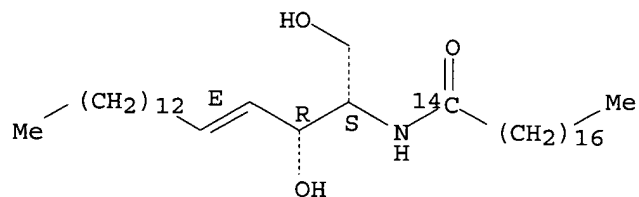
Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 10 OF 35 REGISTRY COPYRIGHT 2002 ACS
IN Octadecanamide-1-14C, N-[2-hydroxy-1-(hydroxymethyl)-3-heptadecenyl]-,
[R-[R*,S*-(E)]]-(9CI)
MF C36 H71 N O3

Absolute stereochemistry.
Double bond geometry as shown.



=> e 9-octadecenamide

| | | |
|-----|-----|------------------------------------------------|
| E1 | 1 | 9-GLYCINE/BI |
| E2 | 1 | 9-METHYL-9-PROPYL-9H-FLUORENE-2-CARBOXYLATE/BI |
| E3 | 0 | --> 9-OCTADECENAMIDE/BI |
| E4 | 1 | 9-THREONINE/BI |
| E5 | 172 | 9.0/BI |
| E6 | 1 | 9.0,AG/BI |
| E7 | 1 | 9.0,AL/BI |
| E8 | 1 | 9.0,BE/BI |
| E9 | 1 | 9.0,C/BI |
| E10 | 4 | 9.0,FE/BI |
| E11 | 5 | 9.0,MN/BI |
| E12 | 5 | 9.0,MO/BI |

=> e octadecenamide

| | | |
|----|-------|-----------------------|
| E1 | 23512 | OCTADECEN/BI |
| E2 | 77 | OCTADECENAL/BI |
| E3 | 1368 | --> OCTADECENAMIDE/BI |
| E4 | 4 | OCTADECENAMIDO/BI |

| | | |
|-----|------|--------------------------|
| E5 | 1 | OCTADECENAMIDOBENZOYL/BI |
| E6 | 4 | OCTADECENAMINE/BI |
| E7 | 5 | OCTADECENANILIDE/BI |
| E8 | 3 | OCTADECENATE/BI |
| E9 | 1 | OCTADECENATO/BI |
| E10 | 1 | OCTADECENC/BI |
| E11 | 1 | OCTADECENCYL/BI |
| E12 | 1810 | OCTADECENE/BI |

=> s e3

L11 1368 OCTADECENAMIDE/BI

=> s L8 and L11

L12 5 L8 AND L11

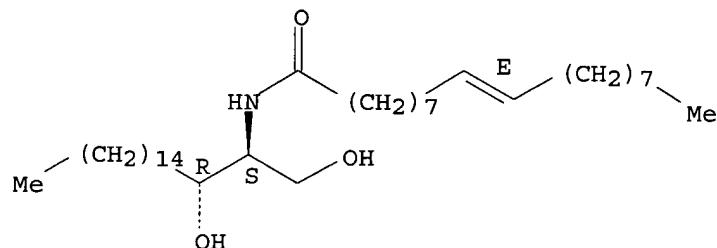
=> d L12 1-5 sam

L12 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2002 ACS

IN 9-Octadecenamide, N-[(1S,2R)-2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (9E) - (9CI)

MF C36 H71 N O3

Absolute stereochemistry.
Double bond geometry as shown.



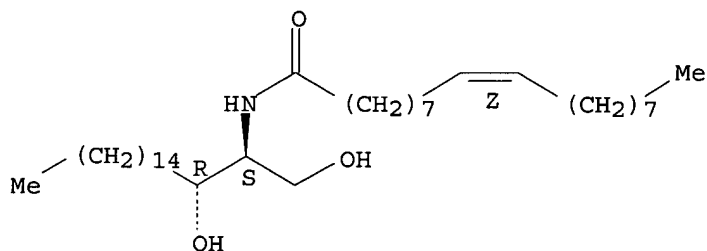
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

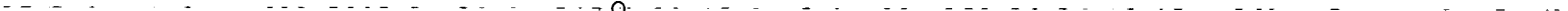
L12 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2002 ACS

IN 9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, [R*,S*-(Z)] - (9CI)

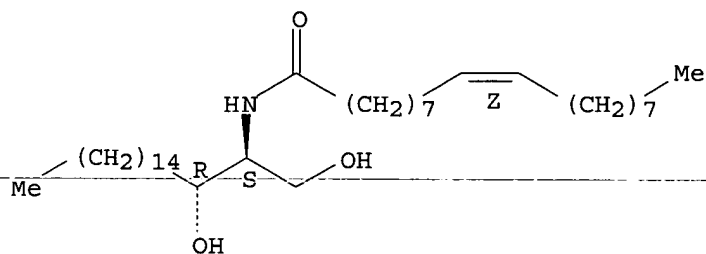
MF C36 H71 N O3

Relative stereochemistry.
Double bond geometry as shown.





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

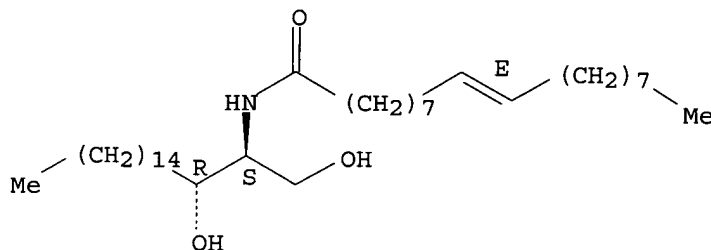


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> d L12 1-5

L12 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2002 ACS
 RN 216866-97-6 REGISTRY
 CN 9-Octadecenamide, N-[(1S,2R)-2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (9E) - (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C36 H71 N O3
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.
 Double bond geometry as shown.

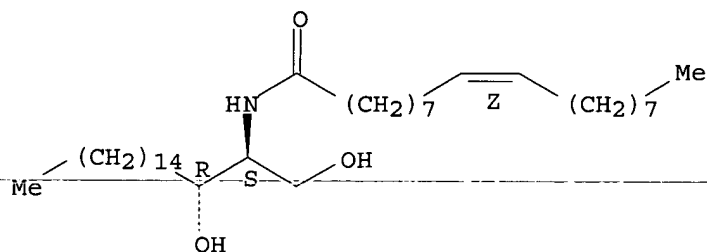


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2002 ACS
 RN 195151-15-6 REGISTRY
 CN 9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, [R*,S*-(Z)] - (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C36 H71 N O3
 SR CA
 LC STN Files: CA, CAPLUS

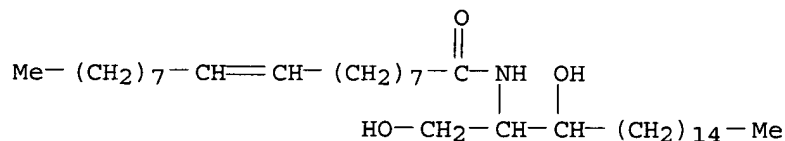
Relative stereochemistry.
 Double bond geometry as shown.



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 144653-38-3 REGISTRY
CN **9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]- (9CI)**
(CA INDEX NAME)
FS 3D CONCORD
MF **C36 H71 N O3**
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, USPATFULL
(*File contains numerically searchable property data)

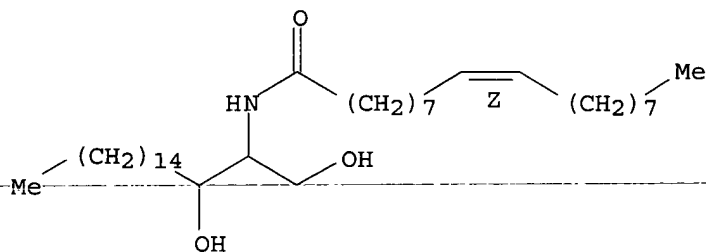


****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 54422-45-6 REGISTRY
CN **9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (9Z)- (9CI)** (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN **9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (Z)-**
FS STEREOSEARCH
MF **C36 H71 N O3**
LC STN Files: BEILSTEIN*, CA, CAPLUS, CHEMLIST, IPA, TOXLIT, USPATFULL
(*File contains numerically searchable property data)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10 REFERENCES IN FILE CA (1967 TO DATE)
10 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2002 ACS

RN 34227-83-3 REGISTRY

CN 9-Octadecenamide, N-[(1S,2R)-2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (9Z)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, [R-[R*,S*-(Z)]]-

CN Oleamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, D-erythro- (8CI)

OTHER NAMES:

CN D-erythro-1,3-Dihydroxy-2-(cis-9-octadecenoylamido)octadecane

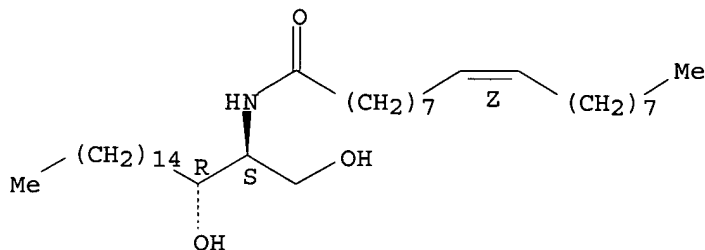
CN N-Oleoyl sphinganine

FS STEREOSEARCH

MF C36 H71 N O3

LC STN Files: BEILSTEIN*, CA, CAPLUS, IPA, TOXCENTER, TOXLIT, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

30 REFERENCES IN FILE CA (1967 TO DATE)
30 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

35.12

78.05

FILE 'CAPLUS' ENTERED AT 17:04:37 ON 22 FEB 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 22 Feb 2002 VOL 136 ISS 9
FILE LAST UPDATED: 21 Feb 2002 (20020221/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L2
L13 172 L2

=> s L4
L14 43 L4

=> s L12
L15 42 L12

=> s L13 and L14 and L15
L16 0 L13 AND L14 AND L15

=> s L13 and L14
L17 3 L13 AND L14

=> s L13 and L15
L18 0 L13 AND L15

=> s L14 and L15
L19 1 L14 AND L15

=> d L17 1-3 ibib,abs,kwic

L17 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:432812 CAPLUS
DOCUMENT NUMBER: 135:36940
TITLE: Dye compositions for keratin fibers comprising a nonionic compound
INVENTOR(S): Bone, Eric; Mori, Harumi; Yamada, Hidetoshi
PATENT ASSIGNEE(S): L'oreal, Fr.
SOURCE: Eur. Pat. Appl., 22 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

amphoteric + cationic polymers

| | | | | |
|-------------------------------------------------------------------------------------------|----|----------|----------------|------------|
| EP 1106167 | A2 | 20010613 | EP 2000-310764 | 20001204 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| JP 2001220331 | A2 | 20010814 | JP 2000-369312 | 20001204 |
| US 2001032368 | A1 | 20011025 | US 2000-727585 | 20001204 |
| PRIORITY APPLN. INFO.: | | | JP 1999-345546 | A 19991203 |

OTHER SOURCE(S): MARPAT 135:36940

AB The present invention relates to a dye compn. for keratin fibers, in particular for human keratin fibers such as hair, comprising, at least one dye [oxidn. dye (base and/or coupler) or direct dye], and at least one nonionic compd. of the general formula $R(OCH_2CH_2)_nOR_1$ ($R = C_{10-30}$ alkyl; $R_1 = C_{10-30}$ alkyl; $n = 1-100$). The present invention also relates to processes and devices for dyeing using the aforesaid compns. For example, a two-part hair dye compn. was prepd. comprising (A) oxyethylenated fatty alc. 21, lauric acid 3, cetylstearyl alc. 11.5, polyacrylic acid 0.4, silica 1.2, opacifying agent 2, propylene glycol 10, a cationic polymer as 60% aq. soln. 5, Merquat 280 3.7, sequestering agent as needed, reducing agent as needed, 20% ammonia 11, oxidn. dye as needed, and water up to 100 parts, and (B) Elfacos GT 282S 6.0 g, diisopropyl adipate 50 g, C12-15 benzoate 10 g, preservatives as needed, and water up to 100 g. At the moment of use, 10 g of compn. A was mixed with 1 g of compn. B and 15 g of oxygenated water soln. at 20 vols. A thick and stable compn. was obtained. The compn. obtained was applied to locks of permed hair contg. 90% white hairs. After pausing 30 min, the locks were rinsed, then washed with shampoo, rinsed again and then dried. The hair was dyed to a natural brown color.

IT 91-20-3D, Naphthalene, hydroxylated 95-55-6, o-Aminophenol 106-50-3, p-Phenylenediamine, biological studies 108-45-2, m-Phenylenediamine, biological studies 110-86-1, Pyridine, biological studies 120-72-9, Indole, biological studies 123-30-8, p-Aminophenol 124-43-6 496-15-1, Indoline 533-31-3, Sesamol 591-27-5, m-Aminophenol 612-76-0, m-Diphenol 7722-84-1, Hydrogen peroxide, biological studies 7789-31-3D, Bromic acid, alkali metal salts 17126-46-4D, Hydrogen hexacyanoferrate, alkali metal salts 53694-17-0, Merquat 280 68393-49-7 131015-90-2, Elfacos GT 282S 223104-80-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(dye compns. for keratin fibers comprising surfactants and polyelectrolytes)

L17 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:534814 CAPLUS

DOCUMENT NUMBER: 133:139913

TITLE: Anhydrous composition for bleaching keratin fibers containing anionic and/or non ionic amphiphilic polymers with at least one fatty chain and cationic

or

amphoteric polymers

INVENTOR(S): Legrand, Frederic; Millequant, Jean

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 25 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------------------------------------------------------------------------------------|------|----------|-----------------|----------|
| EP 1023891 | A1 | 20000802 | EP 2000-400148 | 20000120 |
| EP 1023891 | B1 | 20011024 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| FR 2788974 | A1 | 20000804 | FR 1999-1054 | 19990129 |
| FR 2788974 | B1 | 20010330 | | |
| AU 728168 | B2 | 20010104 | AU 2000-12512 | 20000120 |
| AT 207338 | E | 20011115 | AT 2000-400148 | 20000120 |
| ES 2161674 | T3 | 20011216 | ES 2000-400148 | 20000120 |
| ZA 200000258 | A | 20001012 | ZA 2000-258 | 20000121 |
| BR 2000000419 | A | 20010502 | BR 2000-419 | 20000127 |
| US 6260556 | B1 | 20010717 | US 2000-492778 | 20000128 |
| CN 1270022 | A | 20001018 | CN 2000-104637 | 20000129 |
| JP 2000239134 | A2 | 20000905 | JP 2000-23189 | 20000131 |

PRIORITY APPLN. INFO.: FR 1999-1054 A 19990129

AB The title hair bleach is disclosed. A powder contained potassium persulfate 35, sodium persulfate 30, sodium metasilicate 14, ammonium chloride 5, EDTA 1, sodium dioctylsulfosuccinate/sodium benzoate 1, calcium stearate 1, silica 6.5, Polyquaternium-22 1, Carbopol-1382 1.5, guar gum 2, and hydroxyethyl cellulose 2%. A hydrogen peroxide compn. contained cetestearyl/cetearaeth-30 alc. 2.85, stabilizer 0.06, sequestering agent 0.15, hydrogen peroxide 9, phosphoric acid pH = 2, and water q.s. 100%. At the time of use 8 g of the peroxide compn. is mixed with 16 g of the powder and applied on the hair.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

IT 7722-84-1, Hydrogen peroxide, biological studies 7727-21-1, Potassium persulfate 7775-27-1, Sodium persulfate 7783-20-2, Ammonium sulfate, biological studies 9003-39-8, Vinyl pyrrolidone polymer 9004-34-6D, Cellulose, hydroxy alkyl derivs. 9004-62-0, Hydroxyethyl cellulose 10124-31-9, Ammonium phosphate 12125-02-9, Ammonium chloride, biological studies 13463-67-7, Titanium oxide, biological studies 25136-75-8, Polyquaternium 39 26062-79-3, Polydimethyldiallylammonium chloride 26590-05-6, Acrylamide-dimethyldiallylammonium chloride copolymer 39421-75-5, Hydroxypropyl guar 53694-17-0, Polyquaternium 22 68393-49-7 146701-61-3, Carbopol 1382 197969-51-0, Polyquaternium 47 223104-80-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(anhyd. compn. for bleaching keratin fibers contg. anionic and/or non ionic amphiphilic polymers with at least one fatty chain and cationic or amphoteric polymers)

L17 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:244543 CAPLUS

DOCUMENT NUMBER: 130:301478

TITLE: Oxidative hair dye compositions containing oxidoreductase-type enzymes and polymers

INVENTOR(S): De La Mettrie, Roland; Cotteret, Jean; De Labrey, Arnaud; Maubru, Mireille

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: PCT Int. Appl., 33 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|-------------------------------------------------------------------------------------------|-------------|
| WO 9917727 | A1 | 19990415 | WO 1998-FR2026 | 19980922 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| FR 2769217 | A1 | 19990409 | FR 1997-12357 | 19971003 |
| FR 2769217 | B1 | 20000317 | | |
| AU 9892695 | A1 | 19990427 | AU 1998-92695 | 19980922 |
| AU 719804 | B2 | 20000518 | | |
| BR 9806261 | A | 20000125 | BR 1998-6261 | 19980922 |
| EP 975318 | A1 | 20000202 | EP 1998-945350 | 19980922 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| JP 2000507983 | T2 | 20000627 | JP 1999-521107 | 19980922 |
| ZA 9809001 | A | 19990412 | ZA 1998-9001 | 19981002 |
| US 6251145 | B1 | 20010626 | US 1999-319199 | 19990602 |
| US 2002004959 | A1 | 20020117 | US 2001-832878 | 20010412 |
| PRIORITY APPLN. INFO.: | | | FR 1997-12357 | A 19971003 |
| | | | WO 1998-FR2026 | W 19980922 |
| | | | US 1999-319199 | A3 19990602 |
| AB A cosmetic and/or dermatol. compn. for treating keratin fibers, in particular human keratin fibers and more particularly human hair comprise in an appropriate support for keratin fibers: (a) at least an oxidoreductase-type enzyme with 2 electrons in the presence of at least a donor for said enzyme; and (b) at least a substantive polymer selected in the group consisting of: (i) cellulosic cationic derivs.; (ii) dimethyldiallylammonium halide homopolymers and dimethyldiallylammonium copolymers and (meth)acrylic acid; (iii) methacryloyloxyethyltrimethylammonium halide homopolymers and copolymers; (iv) quaternary polyammonium polymers; (v) vinylpyrrolidone polymers with cationic structural units; and (vi) their mixts. The invention also concerns the methods for treating keratin fibers in particular methods for dyeing, permanently setting or bleaching hair using said compn. A hair dye compn. contained uricase (20 IU/mg) 1.5, uric acid 1.5, p-phenylenediamine 0.324, resorcin 0.33, Merquat 280 (acrylic acid-dimethyldiallylammonium chloride copolymer) 1.0, and water q.s. 100 g. | | | | |
| REFERENCE COUNT: | | 8 | THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE | |
| FORMAT | | | | |
| IT 69-93-2, Uric acid, biological studies 106-50-3, 1,4-Benzenediamine, biological studies 108-45-2, 1,3-Benzenediamine, biological studies 108-46-3, 1,3-Benzenediol, biological studies 591-27-5 9002-12-4, Uricase 9004-34-6D, Cellulose, alkyl ether derivs. 9015-06-9 9055-15-6, Oxidoreductase 26062-79-3, Merquat 100 26161-33-1 30581-59-0, Dimethylaminoethyl methacrylate-vinylpyrrolidone copolymer 35429-19-7 53694-17-0, Merquat 280 68393-49-7 95144-24-4 131954-48-8 197179-33-2, Oramix cg110 223104-80-1 | | | | |

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(oxidative hair dye compns. contg. oxidoreductase-type enzymes and
polymers)

=> d L19 ibib,abs,kwic

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1996:115211 CAPLUS

DOCUMENT NUMBER: 124:155673

TITLE: Cosmetic preparation for treatment and washing of the
hair and skin containing ceramides and cationic
polymers

INVENTOR(S): Cauwet, Daniele; Dubief, Claufe; Beauquey, Bernard

PATENT ASSIGNEE(S): Oreal S. A., Fr.

SOURCE: Fr. Demande, 34 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-----------------------------------------------|------|----------|-----------------|------------|
| FR 2718961 | A1 | 19951027 | FR 1994-4880 | 19940422 |
| FR 2718961 | B1 | 19960621 | | |
| AU 9516292 | A1 | 19951116 | AU 1995-16292 | 19950406 |
| AU 683347 | B2 | 19971106 | | |
| BR 9501395 | A | 19960305 | BR 1995-1395 | 19950419 |
| CA 2147550 | AA | 19951023 | CA 1995-2147550 | 19950421 |
| CA 2147553 | AA | 19951023 | CA 1995-2147553 | 19950421 |
| CN 1114681 | A | 19960110 | CN 1995-104713 | 19950421 |
| CN 1063939 | B | 20010404 | | |
| HU 71724 | A2 | 19960129 | HU 1995-1141 | 19950421 |
| HU 217993 | B | 20000528 | | |
| RU 2127580 | C1 | 19990320 | RU 1995-106676 | 19950421 |
| PL 180861 | B1 | 20010430 | PL 1995-308284 | 19950421 |
| JP 08059443 | A2 | 19960305 | JP 1995-98256 | 19950424 |
| JP 2912186 | B2 | 19990628 | | |
| US 5661118 | A | 19970826 | US 1995-427356 | 19950424 |
| EP 739625 | A1 | 19961030 | EP 1995-400922 | 19950425 |
| EP 739625 | B1 | 20010620 | | |
| R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE | | | | |
| EP 739620 | A1 | 19961030 | EP 1995-400923 | 19950425 |
| EP 739620 | B1 | 20001108 | | |
| R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE | | | | |
| AT 197391 | E | 20001111 | AT 1995-400923 | 19950425 |
| ES 2151583 | T3 | 20010101 | ES 1995-400923 | 19950425 |
| AT 202276 | E | 20010715 | AT 1995-400922 | 19950425 |
| ES 2158056 | T3 | 20010901 | ES 1995-400922 | 19950425 |
| PRIORITY APPLN. INFO.: | | | FR 1994-4880 | A 19940422 |
| | | | EP 1995-400922 | A 19950425 |
| | | | EP 1995-400923 | A 19950425 |

OTHER SOURCE(S): MARPAT 124:155673

AB A prepn. for washing and treatment of the hair and skin contains
.gtoreq.1

anionic surfactants, .gtoreq.1 amphoteric or zwitterionic surfactants,
.gtoreq.1 ceramide or glycosceramide, and .gtoreq.1 cationic polymer. A
shampoo contained Empicol ESB/3 FL (ethoxylated lauryl ether sulfate) 8,

32% cocoylbetaine 4, ceramide A 0.1, guar hydroxypropyltrimonium chloride 0.4, preservatives q.s., fragrance q.s., and water q.s. 100g.

IT 107-36-8D, Isethionic acid, alkyl derivs. 107-97-1D, Sarcosinic acid, alkyl derivs. 123-43-3D, Sulfoacetic acid, alkyl derivs. 5138-18-1D, Sulfosuccinic acid, alkyl derivs. 7664-38-2D, Phosphoric acid, alkyl derivs. 7664-93-9D, Sulfuric acid, alkyl derivs. 9004-34-6D, Cellulose, quaternary ammonium derivs. 9004-82-4, Sodium lauryl ether sulfate 9012-76-4D, Chitosan, derivs. 26590-05-6, Merquat 550 33939-64-9 34227-83-3 65497-29-2 68393-49-7 81859-24-7, Polyquaternium 10 135507-55-0, Tego-Betain HS 147014-82-2, Salcare sc92

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(cosmetic prepn. for treatment and washing of hair and skin contg. ceramides and cationic polymers)

| | | |
|--------------------------------------------|------------------|---------------|
| => file uspatfull | | |
| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
| FULL ESTIMATED COST | 10.50 | 88.55 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -2.48 | -2.48 |

FILE 'USPATFULL' ENTERED AT 17:07:01 ON 22 FEB 2002
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 21 Feb 2002 (20020221/PD)
FILE LAST UPDATED: 21 Feb 2002 (20020221/ED)
HIGHEST GRANTED PATENT NUMBER: US6349410
HIGHEST APPLICATION PUBLICATION NUMBER: US2002023282
CA INDEXING IS CURRENT THROUGH 21 Feb 2002 (20020221/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 21 Feb 2002 (20020221/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2001
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2001

```
>>> USPAT2 is now available.  USPATFULL contains full text of the  <<<
>>> original, i.e., the earliest published granted patents or  <<<
>>> applications.  USPAT2 contains full text of the latest US  <<<
>>> publications, starting in 2001, for the inventions covered in  <<<
>>> USPATFULL.  A USPATFULL record contains not only the original  <<<
>>> published document but also a list of any subsequent  <<<
>>> publications.  The publication number, patent kind code, and  <<<
>>> publication date for all the US publications for an invention  <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL  <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.  <<<

>>> USPATFULL and USPAT2 can be accessed and searched together  <<<
>>> through the new cluster USPATALL.  Type FILE USPATALL to  <<<
>>> enter this cluster.  <<<
>>>  <<<
>>> Use USPATALL when searching terms such as patent assignees,  <<<
>>> classifications, or claims, that may potentially change from  <<<
>>> the earliest to the latest publication.  <<<
```

=> s L2

L20 61 L2

=> s L4

L21 31 L4

=> s L12

L22 26 L12

=> s L20 and L21 and L22

L23 0 L20 AND L21 AND L22

=> s L20 and L21

L24 4 L20 AND L21

=> s L20 and L22

L25 0 L20 AND L22

=> s L21 and L22

L26 0 L21 AND L22

=> d L24 1-4 ibib,abs,kwic

L24 ANSWER 1 OF 4 USPATFULL

ACCESSION NUMBER: 2002:10592 USPATFULL

TITLE: Oxidizing composition and uses for dyeing, for permanently reshaping or for bleaching keratin fibres

INVENTOR(S): Mettrie, Roland De La, Le Vesinet, FRANCE
Cotteret, Jean, Verneuil Sur Seine, FRANCE
Labbey, Arnaud De, Aulnay Sous Bois, FRANCE
Maubru, Mireille, Chatou, FRANCE

PATENT ASSIGNEE(S): L'Oreal S.A. (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| PATENT INFORMATION: | US 2002004959 | A1 | 20020117 |
| APPLICATION INFO.: | US 2001-832878 | A1 | 20010412 (9) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1999-319199, filed on 2 Jun 1999, GRANTED, Pat. No. US 6251145 A 371 of International Ser. No. WO 1998-FR2026, filed on 22 Sep 1998, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|-----------------------------------------------------------------------------------------------|----------|
| PRIORITY INFORMATION: | FR 1997-12357 | 19971003 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | FINNEGAN, HENDERSON, FARABOW, GARRETT &, DUNNER LLP, 1300 I STREET, NW, WASHINGTON, DC, 20005 | |
| NUMBER OF CLAIMS: | 29 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 1039 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates, firstly, to a cosmetic and/or dermatological composition intended for treating keratin fibers, in particular human keratin fibers and more particularly human hair, comprising, in a support which is suitable for keratin fibers: (a) at least one enzyme of 2-electron oxidoreductase type in the presence of

at least one donor for the said enzyme; (b) at least one substantive polymer chosen from the group consisting of: (i) cationic cellulose

derivatives; (ii) dimethyldiallylammonium halide homopolymers and copolymers of dimethyldiallylammonium halide and of (meth)acrylic acid; (iii) methacryloyloxyethyltrimethylammonium halide homopolymers and copolymers; (iv) polyquaternary ammonium polymers; (v) vinylpyrrolidone polymers containing cationic units; (vi) mixtures thereof. The present invention also relates to processes for treating keratin fibers, in particular processes for dyeing, permanently reshaping or bleaching the hair using this composition.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 69-93-2, Uric acid, biological studies 106-50-3, 1,4-Benzenediamine, biological studies 108-45-2, 1,3-Benzenediamine, biological studies 108-46-3, 1,3-Benzenediol, biological studies 591-27-5 9002-12-4, Uricase 9004-34-6D, Cellulose, alkyl ether derivs. 9015-06-9 9055-15-6, Oxidoreductase 26062-79-3, Merquat 100 26161-33-1 30581-59-0, Dimethylaminoethyl methacrylate-vinylpyrrolidone copolymer 35429-19-7 53694-17-0, Merquat 280 68393-49-7 95144-24-4 131954-48-8 197179-33-2, Oramix cg110 223104-80-1 (oxidative hair dye compns. contg. oxidoreductase-type enzymes and polymers)

L24 ANSWER 2 OF 4 USPATFULL

ACCESSION NUMBER: 2001:186742 USPATFULL
TITLE: Dye compositions comprising at least one nonionic compound and uses thereof
INVENTOR(S): Bone, Eric, Rueil Malmaison, France
Mori, Harumi, Tokyo, Japan
Yamada, Hidetoshi, Tokyo, Japan

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2001032368 | A1 | 20011025 |
| APPLICATION INFO.: | US 2000-727585 | A1 | 20001204 (9) |

| | NUMBER | DATE |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|----------|
| PRIORITY INFORMATION: | JP 1999-11345546 | 19991203 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | Thomas L. Irving, FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., 1300 I Street, N.W., Washington, DC, 20005-3315 | |
| NUMBER OF CLAIMS: | 149 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 2217 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Dye compositions comprising (1) at least one colorant chosen from oxidation dyes and direct dyes, wherein said oxidation dyes are chosen from bases, couplers, and bases and couplers, and (2) at least one nonionic compound of the formula R--(OCH.sub.2CH.sub.2).sub.n--OR', wherein R is chosen from C.sub.10-C.sub.30 alkyl groups, and wherein R' is chosen from C.sub.10-C.sub.30 alkyl groups optionally substituted with a hydroxyl group, and n is an integer ranging from 1 to 100. One use of such compositions is for the dyeing of at least one keratin fiber, such as human keratin fibers like hair. Processes and devices

for dyeing using the aforesaid compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

See L17, #1

IT 91-20-3D, Naphthalene, hydroxylated 95-55-6, o-Aminophenol 106-50-3, p-Phenylenediamine, biological studies 108-45-2, m-Phenylenediamine, biological studies 110-86-1, Pyridine, biological studies 120-72-9, Indole, biological studies 123-30-8, p-Aminophenol 124-43-6 496-15-1, Indoline 533-31-3, Sesamol 591-27-5, m-Aminophenol 612-76-0, m-Diphenol 7722-84-1, Hydrogen peroxide, biological studies 7789-31-3D, Bromic acid, alkali metal salts 17126-46-4D, Hydrogen hexacyanoferrate, alkali metal salts 53694-17-0, Merquat 280 68393-49-7 131015-90-2, Elfacos GT 282S 223104-80-1 (dye compns. for keratin fibers comprising surfactants and polyelectrolytes)

L24 ANSWER 3 OF 4 USPATFULL

ACCESSION NUMBER: 2001:110830 USPATFULL
 TITLE: Anhydrous composition for bleaching keratin fibers
 INVENTOR(S): Legrand, Frederic, Boulogne Billancourt, France
 Millequant, Jean, Saint Maur, France
 PATENT ASSIGNEE(S): L'Oreal, Paris, France (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6260556 | B1 | 20010717 |
| APPLICATION INFO.: | US 2000-492778 | | 20000128 (9) |

See L17, #2

| | NUMBER | DATE |
|-----------------------|-----------------------------------------------------|----------|
| PRIORITY INFORMATION: | FR 1999-1054 | 19990129 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Manahan, Todd E. | |
| LEGAL REPRESENTATIVE: | Finnegan Henderson Farabow Garrett & Dunner, L.L.P. | |
| NUMBER OF CLAIMS: | 47 | |
| EXEMPLARY CLAIM: | 41 | |
| LINE COUNT: | 1281 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to anhydrous compositions for bleaching keratin fibers, in particular the hair, containing at least one alkaline agent, at least one peroxygenated salt, at least one anionic and/or nonionic amphiphilic polymer including at least one fatty chain, and at least one cationic or amphoteric substantive polymer, to the use of these compositions to prepare ready-to-use bleaching compositions by mixing with an aqueous hydrogen peroxide composition, and to a process for bleaching the hair using these anhydrous compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 7722-84-1, Hydrogen peroxide, biological studies 7727-21-1, Potassium persulfate 7775-27-1, Sodium persulfate 7783-20-2, Ammonium sulfate, biological studies 9003-39-8, Vinyl pyrrolidone polymer 9004-34-6D, Cellulose, hydroxy alkyl derivs. 9004-62-0, Hydroxyethyl cellulose 10124-31-9, Ammonium phosphate 12125-02-9, Ammonium chloride, biological studies 13463-67-7, Titanium oxide, biological studies 25136-75-8, Polyquaternium 39 26062-79-3, Polydimethyldiallylammonium chloride 26590-05-6, Acrylamide-dimethyldiallylammonium chloride copolymer 39421-75-5, Hydroxypropyl guar 53694-17-0, Polyquaternium 22 68393-49-7 146701-61-3, Carbopol 1382 197969-51-0, Polyquaternium 47 223104-80-1 (anhyd. compn. for bleaching keratin fibers contg. anionic and/or non ionic amphiphilic polymers with at least one fatty chain and cationic or amphoteric polymers)

L24 ANSWER 4 OF 4 USPATFULL

ACCESSION NUMBER: 2001:97171 USPATFULL

TITLE: Oxidizing composition and uses for dyeing, permanently setting or bleaching keratin fibres

INVENTOR(S): De La Mettrie, Roland, Le Vesinet, France
Cotteret, Jean, Verneuil sur Seine, France
De Labrey, Arnaud, Aulnay sous Bois, France
Maubru, Mireille, Chatou, France

PATENT ASSIGNEE(S): L'Oreal S.A., Paris, France (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------------------|
| PATENT INFORMATION: | US 6251145 | B1 | 20010626 |
| | WO 9917727 | | 19990415 |
| APPLICATION INFO.: | US 1999-319199 | | 19990602 (9) |
| | WO 1998-FR2026 | | 19980922 |
| | | | 19990602 PCT 371 date |
| | | | 19990602 PCT 102(e) date |

217, #3

| | NUMBER | DATE |
|-----------------------|--------------------------------------------------------|----------|
| PRIORITY INFORMATION: | FR 1997-12357 | 19971003 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Gupta, Yogendra N. | |
| ASSISTANT EXAMINER: | Hamlin, Derrick G. | |
| LEGAL REPRESENTATIVE: | Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. | |
| NUMBER OF CLAIMS: | 26 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 1003 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates, firstly, to a cosmetic and/or dermatological composition intended for treating keratin fibers, in particular human keratin fibers and more particularly human hair, comprising, in a support which is suitable for keratin fibers:

(a) at least one enzyme of 2-electron oxidoreductase type in the presence of at least one donor for the said enzyme;

(b) at least one substantive polymer chosen from the group consisting of:

(i) cationic cellulose derivatives;

(ii) dimethyldiallylammonium halide homopolymers and copolymers of dimethyldiallylammonium halide and of (meth)acrylic acid;

(iii) methacryloyloxyethyltrimethylammonium halide homopolymers and copolymers;

(iv) polyquaternary ammonium polymers;

(v) vinylpyrrolidone polymers containing cationic units;

(vi) mixtures thereof.

The present invention also relates to processes for treating keratin fibers, in particular processes for dyeing, permanently reshaping or bleaching the hair using this composition.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 69-93-2, Uric acid, biological studies 106-50-3, 1,4-Benzenediamine, biological studies 108-45-2, 1,3-Benzenediamine, biological studies 108-46-3, 1,3-Benzenediol, biological studies 591-27-5 9002-12-4, Uricase 9004-34-6D, Cellulose, alkyl ether derivs. 9015-06-9 9055-15-6, Oxidoreductase 26062-79-3, Merquat 100 26161-33-1 30581-59-0, Dimethylaminoethyl methacrylate-vinylpyrrolidone copolymer 35429-19-7 53694-17-0, Merquat 280 68393-49-7 95144-24-4 131954-48-8 197179-33-2, Oramix cg110 223104-80-1 (oxidative hair dye compns. contg. oxidoreductase-type enzymes and polymers)

=> file stng

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 11.38 | 99.93 |

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 0.00 | -2.48 |

CA SUBSCRIBER PRICE

FILE 'STNGUIDE' ENTERED AT 17:09:09 ON 22 FEB 2002
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Feb 15, 2002 (20020215/UP).

=> d his

(FILE 'HOME' ENTERED AT 16:46:10 ON 22 FEB 2002)

FILE 'REGISTRY' ENTERED AT 16:46:45 ON 22 FEB 2002

E MERQUAT
L1 6 S E3
L2 1 S MERQUAT 280
L3 0 S IONENE G
E HEXADIMETHRINE CHLORIDE
L4 1 S HEXADIMETHRINE CHLORIDE
E MEXANYL
L5 2 S E3
E OLEAMIDO-1,3-OCTADECANEDIOL
E 2-OLEAMIDO

FILE 'STNGUIDE' ENTERED AT 16:52:26 ON 22 FEB 2002

L6 0 S C36H71NO3
L7 0 S OLEAMIDO
E OLEAMIDO

FILE 'REGISTRY' ENTERED AT 16:57:46 ON 22 FEB 2002

L8 35 S C36H71NO3
L9 99 S OLEAMIDO
L10 0 S L8 AND L9
E 9-OCTADECENAMIDE
E OCTADECENAMIDE
L11 1368 S E3
L12 5 S L8 AND L11

FILE 'CAPLUS' ENTERED AT 17:04:37 ON 22 FEB 2002

L13 172 S L2
L14 43 S L4
L15 42 S L12
L16 0 S L13 AND L14 AND L15
L17 3 S L13 AND L14
L18 0 S L13 AND L15
L19 1 S L14 AND L15

FILE 'USPATFULL' ENTERED AT 17:07:01 ON 22 FEB 2002

L20 61 S L2
L21 31 S L4
L22 26 S L12
L23 0 S L20 AND L21 AND L22
L24 4 S L20 AND L21
L25 0 S L20 AND L22
L26 0 S L21 AND L22

FILE 'STNGUIDE' ENTERED AT 17:09:09 ON 22 FEB 2002

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:hold

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 0.00 | 99.93 |

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 0.00 | -2.48 |

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 17:09:31 ON 22 FEB 2002

Connection closed by remote host